

GORODISSKAYA, G.Ya.

Demonstration burettes. Lab.delo 3 no.4:44-46 J1-Ag. '57.(MIRA 10:8)

1. Iz kafedry biologicheskoy khimii Gor'kovskogo meditsinskogo  
instituta imeni S.M.Kirova  
(BURETTES)

GORODISSKAYA, Genriyetta Yakovlevna; CHIRENKO, A.M., tekhn.red.

[Demonstrations during lectures on biological chemistry]  
Demonstratsii na lektsiakh po biologicheskoi khimii. Gor'kii,  
Gor'kovskii med.in-t im. S.M.Kirova, 1960. 139 p. (MIRA 14:2)

(BIOCHEMISTRY--STUDY AND TEACHING)

GORODISSKAYA, G.Ya.

Table for the rapid calculation of results from determining blood  
proteins by paper electrophoresis. Lab.delo 6 no.1:25-26 Ja-Pe '60.  
(MIRA 13:4)

1. Iz kafedry biologicheskoy khimii (zaveduyushchiy - prof. G.Ya.  
Gorodisskaya) Gor'kovskogo meditsinskogo instituta imeni S.M. Kirova.  
(BLOOD PROTEINS) (PAPER ELECTROPHORESIS)

GORODISSLKAYA, G.Ya., prof., doktor med. nauk, otv. red.; BLOKHINA,  
I.N., red.; GUSEVA, V.A., red.; DIKOVSKIY, F.F., red.;  
ZIMINA, V.S., red.; LAZOVSKAYA, A.L., red.; PEROVA, R.S.,  
red.

[Biochemistry of microbes] Biokhimiia mikrobov; sbornik  
trudov. Gor'kii, 1964. 427 p. (MIRA 17:12)

1. Gorki. Gor'kovskiy nauchno-issledovatel'skiy institut  
epidemiologii i mikrobiologii.

L 11639-66

ACC NR: AF5027348

SOURCE CODE: UR/0300/65/037/005/0697/0705

24

B

AUTHOR: Gorodisskaya, G. Ya.; Khvatova, Ye. M.; Shvets, N. A.

ORG: Gorkiy Medical Institute, TsNIL (Gor'kovskiy medinstitut, TsNIL)

TITLE: Some aspects of brain metabolism under conditions of deep artificial hypothermia and in the period following

SOURCE: Ukrayins'kyy biokhimichnyy zhurnal, v. 37. no. 5, 1965, 697-705

TOPIC TAGS: brain, hypothermia, animal experiment, biologic metabolism, phosphorylation

ABSTRACT: Mature rabbits were anesthetized with ether and cooled in snow to a minimum rectal temperature of 20 C. After 1 hour the animals were heated (electric heater) to the initial rectal temperature. After a three-week observation the animals were decapitated during deep hypothermia. A determination of the oxidizing and phosphorylating activity of brain mitochondria

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ACC NR: AP5027348

indicates that during deep hypothermia, a coordination between the two processes persists. Brain mitochondria of cooled animals have a higher than normal sensitivity to the action of Ca ions, cysteine, and to preincubation which affect their oxidation and phosphorylation functions. In the heating period, the oxygen pressure (after supplying the animals periodically with pure oxygen) is characterized by definite instability and remains altered for long periods. The change in the utilization of oxygen by the brain may be associated with the disturbance of the functional state of the mitochondria during [19] deep hypothermia. Orig. art. has: 5 figures.

SUB CODE: 06/ SUBM DATE: 12Jun65/ NR REF Sov: 019/ OTHER: 008 ATC PRESS:

4177

2/2

S/063/60/005/006/013/014  
A051/A026

AUTHORS: Genkina, Ye.V., Gorodisskaya, M.N., Artem'ev, A.A.

TITLE: On the Reduction of Primary, Secondary and Ternary Nitro-Compounds

PERIODICAL: Zhurnal Vsesoyuznogo Khimicheskogo Obshchestva im. D.I. Mendeleyeva, 1960, No. 6, Vol. 5, pp. 709-710

TEXT: The authors carried out the reduction of aliphatic primary (from C<sub>3</sub> to C<sub>8</sub>) and secondary (from C<sub>3</sub> to C<sub>7</sub>) nitro-compounds: ternary nitrobutane and 1-nitro-1-methylcyclohexane, for the purpose of proving indirectly the validity of the previously made assumptions, that ammonia is needed in the system of reduction for the formation of aci-nitrocyclohexane, which then is reduced to cyclohexanoneoxime (Ref. 3-Konovalov). In Ref. 1 and 2 (Patent No. 7972 GDR, RZhKhim, 7793 (1956) (Works of the Nitrogen Industry Institute), the transformation of nitro-compounds of the aliphatic and alicyclic rows, into the corresponding oximes, is given as being accomplished through the catalytic reduction with hydrogen. Nitrocyclohexane, for example, is reduced over metallic copper, under pressure, in the presence of liquid ammonia, to cyclohexanoneoxime, with a yield of 90%:

Card 1/6

S/063/60/005/006/013/014  
A051/A026 ✓

On the Reduction of Primary, Secondary and Ternary Nitro-Compounds



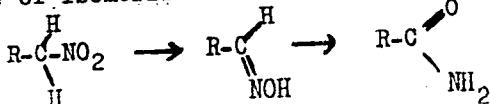
The validity of this reaction could then be proven, according to the authors, by establishing the possibility for this process to take place with any primary and secondary nitro-compounds, capable of tautomer transformation into free nitrone acids, and the impossibility of ternary nitro-compounds to be reduced if they are not capable of tautomeric transformation. The authors conducted the reduction process in a reactor made of stainless steel, with a mixer on the powder belt (Ref. 7-Vishnevskiy) in a cyclohexane medium, with hydrogen, under a pressure of 150-200 atm and 125-130°C, in the presence of an excess of ammonia (5 mol of NH<sub>3</sub> to 1 mol of the nitro-compound), over metallic copper. It was established that the ternary nitro-compounds, under these conditions do not undergo any changes. In the reduction of the secondary nitro-compounds, a high yield of the corresponding ketoximes, (85-90%) were obtained. In the case of the reduction of the primary nitro-compounds, in addition to the aldoximes, amides of the corresponding acids were also noted.

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S/063/60/005/006/013/014  
A051/A026

On the Reduction of Primary, Secondary and Ternary Nitro-Compounds

to form, identified by their melting point, elementary analysis and molecular weight. The type of transformation noted is explained by the simultaneous occurrence of isomerization of the initially formed aldoximes into acid amides as well:



amide of the acid increases in the reduction products with an increase of the molecular weight in the homologous row of the nitro-compounds, and, beginning with the primary nitrohexane, the only product of the reaction is found to be the amide of the corresponding acid (yield-80-85%). With a decrease in the number of methylene groups, the amide yield gradually decreases and the aldoxime yield increases at the same time. Table 1 gives the results for the experiments on the reduction of the primary and secondary nitro-compounds. Special experiments were conducted to prove the possibility of isomerization of the aldoximes under the given conditions. The same law sequence was noted here as for the transformation of the amides in the reduction of the primary nitro-compounds (Table 2). Thus, it is concluded that the obtained results could confirm the validity

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A051/A026

On the Reduction of Primary, Secondary and Ternary Nitro-Compounds

of the assumption that the reduction process with hydrogen of primary and secondary nitro-compounds, over metallic copper, in the presence of liquid ammonia, takes place through the stage of free nitrone acid formation. It was also established that the primary nitro-paraffines behave in a special way under these conditions, namely, their reduction is accompanied by the isomerization process of the initially-formed aldoximes into acid amides, the yield of which increases with a growth of the methylene chain of the hydrocarbon from C<sub>3</sub> to C<sub>6</sub>. There are two tables and 10 references: 6 are Soviet, 4 English.

ASSOCIATION: Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza (The State Institute of the Nitrogen Industry and Products of Organic Synthesis).

Card 4/6

S/063/60/005/006/013/014  
A051/A026

## On the Reduction of Primary, Secondary and Tertiary Nitro-Compounds

Table 1: Experimental Results on the Reduction of Primary and Secondary Nitro-Compounds

Nitro-compounds	Degree of Conversion %	Yield from the converted, %	
		amide	oxime
2-nitropropane	100	absent	35
2-nitrobutane	90-95	"	85-87
2-nitrohexane	90-95	"	90-95
2-nitroheptane	90-95	"	90-95
1-nitropropane	90	"	80-85
1-nitrobutane	95	40	60
1-nitropentane	95-100	60-62	38-40
1-nitrohexane	95-100	85-90	absent

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A051/A026

On the Reduction of Primary, Secondary and Ternary Nitro-Compounds

Nitro-compounds	Degree of Conversion %	Yield from the converted, %	
		amide	oxime
1-nitroheptane	95-100	90-93	absent
1-nitrooctane	95-100	90-93	"

Table 2:  
Experimental Results on the Isomerization of Aldoximes

Aldoximes	Amide yield, %	Amount of non-converted aldoxime, %
enanthaldoxime	75-80	absent
butyraldoxime	30-33	60-65
propanaldoxime	absent	85-90
Card 6/6		

GENKINA, Ye.V.; GORODISSKAYA, M.N.

Thermal decomposition of the ammonium salt of nitrocyclohexane.  
Zhur.VKHO .7 no.2:237-238 '62. (MIRA 15:4)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut  
azotnoy promyshlennosti i produktov organicheskogo sinteza.  
(Cyclohexane) (Ammonium salts)

GORODISSKIY, M.

The organization of patents in the trade of Czechoslovakia and  
Hungary. "Vnesh. torg. 42 no. 9:40-46 '62. (MIRA 15:9)  
(Patents (International law))

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODISSLKIY, M., jurist

Twelve hundred patents of the "Tugram" Plant. Izobr.i rats. no.9:32  
S '62. (MIRA 16:3)  
(Czechoslovakia—Electric lamps)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

GORODISSKIY, M.L., jurist

The Paris convention. Izobr.i rats no.10:33 0 '62.  
(MIRA 15:9)

1. Sotrudnik Ministerstva vnesheiny torgovli SSSR.  
(Patent laws and legislation)

SALIMOVSKIY, V.; GORODISSKIY, M.

"Licensintorg," a new foreign trade corporation. Vnesh.torg.  
42 no.1:29-30 '63. (MIRA 16:2)  
(Patent licenses)

L 27233-66 EWT(m)/T/EWP(w)/EWP(t) IJP(c) JD  
ACC NR: AM6003228 Monograph

40 UR/

37 BX/

Ivanova, V. S.; Gorodiyenko, L. K.; Geminov, V. N.; Zubarev, P. V.; Fridman, Z. G;  
Liberov, Yu. P.; Terent'yev, V. F.; Vorob'yev, N. A.; Kudryashov, V. G.

Role of dislocation in the strengthening and failure of metals (Rol'dislokatsii  
v uprochnenii i razrushenii metallov) Moscow, Izd-vo "Nauka", 1965. 179 p.  
illus., biblio. Errata slip inserted. 4500 copies printed.

TOPIC TAGS: metal, alloy, metal strength, alloy strength, dislocation, dislocation theory, thermomechanical treatment, metal failure

PURPOSE AND COVERAGE: The book is a continuation and development of the ideas of the late Professor I. A. Oding on the theory of dislocations. This theory served as the basis for the elaboration of new methods of strengthening metals and alloys. In the first part (Chap. I-IV) of this monograph the role of dislocations in the development of plastic deformation and the generation of flaws is discussed. In the second part (Chap. V-VII), the theoretical premises for metal and alloy strengthening with thermomechanical treatment and the effect of this treatment on the mechanical properties of metals and alloys under static and cyclic loads are reviewed.

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UDC: 669.018.25:669-17

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ACCNR: AM6003228

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Ch. I. Regularities of slopping and strengthening on the different grades of deformation -- 7

Ch. II. Formation of submicroscopic flaws during deformation as a result of multiplication of and interaction between defects of the crystal lattice -- 29

Ch. III. Effect of grain size, temperature, and deformation rate on the characteristics of metal fluidity -- 46

Ch. IV. Mechanism of brittle rupture and regularities in the defectibility of metals during creep -- 73

Ch. V. Basic premises for the development of methods of material strengthening by means of thermomechanical treatment -- 103

Ch. VI. Effect of basic technological factors on the effect of strengthening in thermomechanical treatment -- 119

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References -- 170

SUB CODE: 11/ SUBM DATE: 06Aug65/ ORIG REF: 180/ OTH REF: 238/

Card 2/2 CC

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODKO, V.; IVANITSKIY, V.; PARKHOMOVSKII, M.

~~Procurement of potatoes and vegetables under the new conditions.~~  
Sov. torg. no. 7:9-13 Jl '58. (MIRA 11:?)  
(Vegetable trade)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODKO, V.; IVANITSKIY, V., kand.ekon.nauk (Kiyev)

Reorganization of the Divisions of Workers' Supply is an urgent  
problem. Sov. Torg. 33 no.5:26-28 My '60. (MIRA 13:11)  
(Ukraine--Retail trade)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

GORODKO, V., nauchnyy sotrudnik (g.Kiyev); IVANITSKII, V., nauchnyy  
sotrudnik (g.Kiyev)

Develop and improve the progressive methods in commerce. Sov. torg-  
34 no.11:37-39 II '60. (MIRA 13:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut torgovli i  
obshchestvennogo pitaniya.  
(Retail trade)

GORODKO, V.V.; IVANITSKIY, V.I.; GLAZUNOVA, V.V., red.; BABICHEVA, F.F.,  
tekhn.red.

[Planning the management of organizations trading in fruit and  
vegetables] Planirovaniye khoziaistvennoi deiatel'nosti plodoc-  
ovoshchnykh organizatsii. Moskva, Gos.izd-vo torg.lit-ry, 1960.  
75 p. (MIRA 13:9)

(Vegetable trade) (Fruit trade)

GORODKO, V., nauchnyy sotrudnik (Kiyev); PETROV, D., nauchnyy sotrudnik (Kiyev)

Reduce the cost of the delivery of goods to stores. Sov. torg  
35 no.12:20-22 D '61. (MIRA 14:11)  
(Delivery of goods)

GORODKO, V.V.

[Economics and organization of the fruit trade] Ekonomika  
i organizatsiia torzhivli plodoovochamy. Kyiv, Derzh.  
vyd-vo tekhn.lit-ry URSR, 1962. 75 p. (MIRA 16:8)  
(Fruit trade)

YAM, V.M., inzh.; LATIN, A.P., inzh.; GORODKOV, A.F., inzh.; GAGARIN, A.A., inzh.;  
MAYOROVA, TS.M., inzh.; SHMAKINA, N.N., inzh.; GUSEV, A.S., inzh.

Developing an experimental 1,000 ton hydraulic press for the pressing  
of 300 mm.-high refractory products. Trudy Inst. ogneup. no.34:141-163  
'63. (MIRA 17:10)

1. Vsesoyuznyy institut ogneuporov (for Shmakina). 2. Trest "Ogneupornerud"  
(for Gusev).

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODKOV, B. N.

DECEASED

Botany

See ILC

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

Gorodkov, F. F.

USSR/ Engineering - Structural tests

Card 1/1 Pub. 128 - 4/34

Authors : Gorodkov, F. F.

Title : A Problem concerning the impact of metal against rollers of rollgangs in rolling machines

Periodical : Vest. mash. 12, 12-16, Dec 1954

Abstract : The deformation of the metal ingot and rollgang rollers, due to metal impact, is discussed and formulas are given for calculating the loss of time, impact force and the deformation of ingot and rollers. Seven USSR references (1939-1952). Graph; diagrams.

Institution : .....

Submitted : .....

GORODKOV, K.B.

Data on the distribution of dragonflies in the North. Ent.ebez.35  
no.1:120-123 '56. (MLRA 9:10)

1.Kafedra zoologii besposvonochnykh Leningradskogo Gosudarstvennogo  
universiteta.  
(Russia, Northern--Dragonflies)

17(4)

AUTHOR:

Gorodkov, K. B.

SOV/20-122-5-55/56

TITLE:

Helomyzidae (Diptera) as Synanthropes ("Following Man")  
Under the Conditions of North Yakutskaya ASSR (Helomyzidae  
(Diptera) kak sinantropy v usloviyah severa Yakutskoy ASSR)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 5,  
pp 948-949 (USSR)

ABSTRACT:

The diptera (flies) of the Helomyzidae family are widely spread in places where man lives (e. g. *Oecotaea fenestralis* Fall.), their number is, however, not large so that they mostly are not considered synanthropes ("following man"). In the North the synanthropic diptera are little known (Ref 1). The author could, however, find the helomyzides in large quantities near houses and within them when he was working in the tundra and wood tundra of the area mentioned in the title; they may therefore be called typical synanthropes. The *Neoleria prominens* Becker genus (Ref 2) is one of those occurring in large numbers in North Yakutiya. The synonymies of this type are considered (Refs 3-6). *N. prominens* could be found in every settlement of the lower courses of the Lena-and Yana rivers, even in those settlements that have been existing

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Helomyzidae (Diptera) as Synanthropes ("Following Man") Under the Conditions of North Yakutskaya ASSR

SOV/20-122-5-55/56

for only a few years. The flowers frequented by this type of fly are mentioned. There also the copulation takes place. The fly can also be caught in large numbers by means of a net near dung hills. Their number decreases with the distance from the settlement. In original "biczenoses" N. prominens could be found on dead animals, and also in the nest of a diurnal. V. I. Kapitonov found the N. prominens on the excrements of the marmot *Marmota camtschatica* Pall. Yu. I. Chernov saw this fly propagating on rests of dead reindeers, and also collected them at windows (Yugorskiy peninsula, Vaygach island). Types of the genus *Leria* are much rarer and the author could not find them without their biological connection with man. *Leria* types may, however, not be regarded as an always present synanthrope. The common *Leria serrata* L. was not found. *L. pleuralis* (Ref 6) was found at the lower course of the Yana river at walls of a toilet as well as at windows. *L. fenestralis* was found only once at windows (the latter determination is, however, not quite clear). Only two types of helomyzides were found without any contact with man: *Oecotaea aristata* Mall, the whole course of development of

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Helomyzidae (Diptera) as Synanthropes ("Following Man") Under the Conditions of North Yakutskaya ASSR SOV/20-122-5-55/56

which takes place in the holes of the marmot mentioned above. Ornitholeria sp. was collected in the nests of a bird of prey. Thus, the helomyzides are biologically connected either with man or with vertebrates. The number of synanthropes increases towards the North as there they find especially favorable conditions of living near settlements and in their rooms. There are 7 references, 1 of which is Soviet.

ASSOCIATION: Zoologicheskij institut Akademii nauk SSSR (Institute of Zoology of the Academy of Sciences USSR)

PRESENTED: May 24, 1958, by Ye. N. Pavlovskiy, Academician

SUBMITTED: May 4, 1958

Card 3/3

GORODKOV, K.B.

A survey of Palaearctic species of the genus *Oecotaea* Hal. (Diptera,  
Helomyzidae). Ent. oboz. 38 no.4:905-922 '59 (MIRA 13:3)

1. Zoologicheskiy institut AN SSSR, Leningrad.  
(Diptera)

GORODKOV, K.B.

Pantala flavescens Fabr. (Odonata, Libellulidae) in the alpine  
zone of the eastern Pamirs. Zool. zhur. 40 no.4:610-611 Ap '61.  
(MIRA 14:3)

1. Zoological Institute of the U.S.S.R. Academy of Sciences  
(Leningrad).  
(Pamirs—Dragonflies)

GORODKOV, K.B.

Simple microprojector for drawing insects. Ent. oboz. 40  
no.4:936-939 '61. (MIRA 17:1)

GORODKOV, K. B.

New Palaearctic species of the family Helomyzidae(Diptera).  
Trudy Zool. inst. 30:310-325 '62. (MIRA 15:10)

(Helomyzidae)

GORODKOV, K.B.

Fauna of Helomyzidae (Diptera) of Leningrad Province. Trudy  
Zool.inst. 31:276-279 '62. (MIRA 16:1)  
(Leningrad Province—Helomyzidae)

GORODKOV, K.B.

Survey of Palaearctic species of the genus *Leria* R.-D (Diptera,  
~~Helomyzidae~~). Ent. obozr. 41 no.3:643-671 '62. (MIRA 15:10)

1. Zoologicheskiy institut AN SSSR, Leningrad.  
(*Helomyzidae*)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODKOV, K.B.

New and little-known Helomyzidae (Diptera) from Kazakhstan.  
Trudy Zool. inst. 34:291-301 '64.

(MIRA 18:2)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

GORODKOV, K.B.

Materials on the forest fauna of the family Hélomyzidae  
(Diptera) in Eastern Siberia and the Far East. Ent. oboz.  
44 no.4:927-933 '65 (MIRA 19:I)

1. Zoologicheskiy institut AN SSSR, Leningrad.

GORODKOV, K.I.

VIGDORCHIK, D.Ya.; GORODKOV, K.I.; DRUSKIN, L.I.; CHERKINSKIY, F.E.

Using gas in the textile industry. Gaz.prom. no.6:14-20 Je '57.  
(MLRA 10:7)

(Gas appliances) (Textile fabrics--Drying)

OCHKIN, V.P.; VNUKOV, V.I.; GORODKOV, N.I.; LOVTSOV, A.P.; VIKTOROVA, A.G.;  
SOKOLOVA, Ye.Ya.; KOZLOV, A.V.; DRYUCHIN, A.P., obshchiy red.

[Economy of Saratov Province; statistical collection] Narodnoe  
khoziaistvo Saratovskoi oblasti; statisticheskii sbornik. Saratov,  
Gos.statisticheskoe izd-vo, 1959. 205 p. (MIRA 12:11)

1. Saratov (Province) Statisticheskoye upravleniye. 2. Nachal'nik  
Statisticheskogo upravleniya Saratovskoy oblasti (for Dryuchin).  
(Saratov Province--Statistics)

GORODKOV, V.N., klinicheskiy ordinator

Isoserological incompatibility of blood and autoagglutination in  
complicated pregnancy. Sbor. nauch. trud. Ivan. gos. med. inst.  
no. 28-258-261 '63 (MIRA 19:1)

1. Iz kafedry akusherstva i ginekologii (ispolnyayushchiy obya-  
zannosti zav. kafedroy - dotsent M.A. Timokhina) Ivanovskogo  
gosudarstvennogo meditsinskogo instituta (rektor - dotsent  
Ya.M. Romanov) na baze rodil'nogo doma Nr. 3 (glavnnyy vrach  
N.K. Berashevich).

85706

S/056/60/038/006/049/049/XX  
B006/B070

24.6900 (1138,1191,1559)

AUTHORS: Alikhanov, A. I., Galaktionov, Yu. V., Gorodkov, Yu. V.  
Yeliseyev, G. P., Lyubimov, V. A.

TITLE:

Measurement of the Chirality of the  $\mu$ -MesonPERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960,  
Vol. 38, No. 6, pp. 1918 - 1920

TEXT: The muon chirality was measured by the authors of the present "Letter to the Editor" by a method described in Ref.1. The method is based on the measurement of the scattering cross sections of polarized muons from polarized electrons. This cross section depends on the mutual orientation of the spins of the colliding particles. An independent measurement of the number of 5 showers was made, the showers being released by cosmic muons in magnetized iron and consisting of two or more particles. The experimental arrangement is shown in a Fig. and described in the text. About 500 muons pass through the apparatus every minute, one or two of these produce showers with  $m \geq 3$ . Up to now 116,000 showers with  $m \geq 3$  have been recorded. The energies of the shower-producing muons were

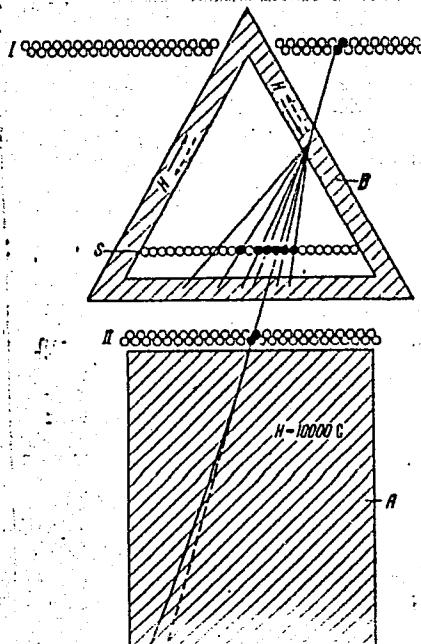
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B006/B070

Legend to the Fig.:

I, II, III - hodoscope counters  
for the determination of the  
muon trajectories; S - counter  
series for shower recording;  
A - iron yoke of the permanent  
magnet for the determination of  
the sign of the muons from their  
deviation in the magnetic field;  
B - iron core of the electro-  
magnet with triangular cross  
section in which the muons  
produce showers; the field in-  
duced in B attains 14,400 gauss.



Card 3/3

S/058/61/000/010/021/100  
A001/A101

AUTHORS: Khrimyan, A.V., Kosmachevskiy, V.K., Avakyan, V.V., Gorodkov, Yu.V.,  
Yegikyan, K.Sh., Nalbandyan, N.A.

TITLE: Investigation of the nature and spectra of particles produced by  
high-energy nucleons

PERIODICAL: Referativnyy zhurnal "Fizika", no. 10, 1961, 97, abstract 10B507 ("Tr.  
Mezhdunar. konferentsii po kosmich.-lucham, 1959, v. 1", Moscow, AN  
SSSR, 1960, 183 - 187)

TEXT: The authors present the results of investigating particles with mo-  
menta up to 900 Mev/c produced in lead by high-energy nucleons of cosmic radia-  
tion at an altitude of 3,200 m above sea level (the Aragats mountain, Armenia).  
The ionizing capability of individual particles was determined with an average  
accuracy of  $\pm 14\%$  by means of a gas counter and of  $\pm 10\%$  by means of five scin-  
tillation counters. ✓

[Abstracter's note: Complete translation]

L. Dorman

Card 1/T

KARANAKAVA N. Ye.

SHAPOVALOV, Ya.Ya., kand. biol. nauk; SEREBRYAKOV, A.S.; GORODKOVA, N.Ye.,  
zootehnik.

Kuchino general purpose chickens and their further improvement.  
Ptitsevodstvo 8 no.9:16-19 8 '58. (MIRA 11:10)

1.Direktor Kuchinskogo selektsionnogo ptitsesovkhosa (for  
Serebryakov). 2.Kuchinskiy selektsionnyy ptitsesovkhos (for Gorodkova).  
(Poultry breeds)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

KUSHNER, Kh.F.; KOPILOVSKAYA, G.Ya.; SEREBRYAKOV, A.S.;  
GORODKOVA, N.Ye.; AFONINA, A.V.

Effectiveness of reciprocal recurrent selection in poultry  
raising. Trudy Inst. gen. no.29:282-289 '62. (MIRA 16:7)

(Poultry breeding)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

Gorodkova, T. M.

✓ A study of the toxic aromatic compounds in the cerebrospinal fluids of schizophrenic patients. T. M. Gorodkova. *Vestn. Psichol.* 1953, No. 4, 211-18; *Referat. Zhur. Khim. Biol. Khim.* 1955, No. 8704.—In the acute stages of the disease aromatic compds. increase. The phenol content in the spinal fluid is about equal to that of the blood. In successful therapy phenol returns to the normal level.  
B. S. Leyline

GORODKOVA, T. M.

GORODKOVA, T. M. -- "On the Toxicity of the Cerebrospinal Fluid in Schizophrenia." (Dissertations For Degrees In Science and Engineering Defended at USSR Higher Educational Institutions) (29). Kiev Inst for the Advance Training of Physicians, Chair of Psychiatry, Kiev, 1954

SO: Knizhnaya Letopis' No 29, 16 July 1955

\* For the Degree of Candidate in Medical Sciences

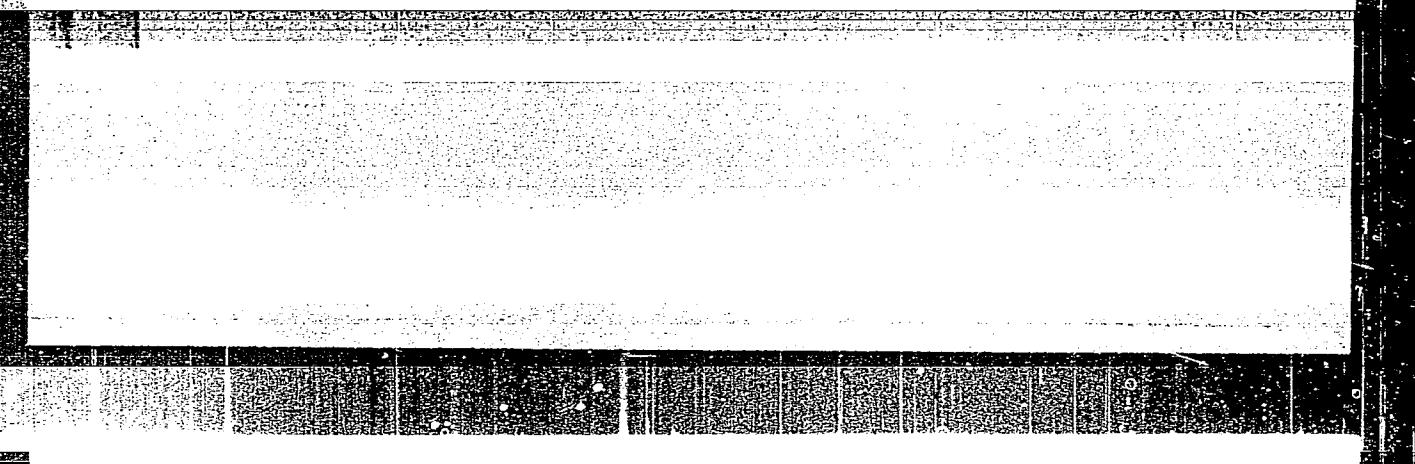
Gorodkouat, T.M.

5688. Influence of activity in the embryo on the development of the nervous system. By E. F. G. Cope.

No stress. Three day cultures - 15 untreated and 15 paracetamol were given. The results show that the paracetamol treated embryos had a higher death rate than the control group. The death rate was 10% for the control group and 20% for the paracetamol group. The death rate increased with age. At day 3, 10% of the control group and 15% of the paracetamol group died. At day 6, 15% of the control group and 25% of the paracetamol group died. At day 9, 20% of the control group and 30% of the paracetamol group died. At day 12, 25% of the control group and 35% of the paracetamol group died. At day 15, 30% of the control group and 40% of the paracetamol group died. At day 18, 35% of the control group and 45% of the paracetamol group died. At day 21, 40% of the control group and 50% of the paracetamol group died. At day 24, 45% of the control group and 55% of the paracetamol group died. At day 27, 50% of the control group and 60% of the paracetamol group died. At day 30, 55% of the control group and 65% of the paracetamol group died. At day 33, 60% of the control group and 70% of the paracetamol group died. At day 36, 65% of the control group and 75% of the paracetamol group died. At day 39, 70% of the control group and 80% of the paracetamol group died. At day 42, 75% of the control group and 85% of the paracetamol group died. At day 45, 80% of the control group and 90% of the paracetamol group died. At day 48, 85% of the control group and 95% of the paracetamol group died. At day 51, 90% of the control group and 100% of the paracetamol group died. At day 54, 95% of the control group and 100% of the paracetamol group died. At day 57, 100% of the control group and 100% of the paracetamol group died.

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CIA-RDP86-00513R000516310003-2



APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

GORODNEV, I.I.

Check for the determination of gas permeability of dry loam specimens.  
Lit. proizv. no.10:46 0 '60. (MIRA 13:10)  
(Sand, Foundry--Testing)

GORODEEV, I. I.

Collect for determining the gas permeability of dry foundry-sand  
samples. Mashinostroitel' no.11:18 N '60. (MIMA 13:10)  
(Sand, Foundry--Testing)

GORODNEV, I.I., inshener.

Modernizing the C41 device used for determining gas permeation through  
molding materials. M't.proizv. no.11:29 N '56. (MIRA 10:1)  
(Foundry machinery and supplies) (Permeability)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODNEV, I.I.

Device for rapid determination of the gas penetrability of  
molding mixtures. Mashinostroitel' no. 5:28 My '64.  
(MIRA 17:7)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODNEV, I.I.

Device for the rapid determination of the permeability of molding  
mixtures to gas. Lit. proizv. 5:39 My '64.

(MIRA 18:3)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

IONESCU-MIKHAILOV, K; GOBODNICHANU, F.; ZAMPFIRESKU, M; KLEIN, R.;  
GANCHEVICH, G.; STENASCU, P.; DUSHILE, V. (Rumynskaya Narodnaya  
Respublika)

Coxsackie virus isolated from feces of a child suspected of  
poliomyelitis. Pediatrilia no.3:19-23 My-Je '55 (MLRA 8:10)

(COXSACKIE VIRUSES, infect.

isolation from feces in diag. of polio in inf.)  
(POLIOMYELITIS, in infant and child

diag.isolation of coxsackie viruses from feces)

GORDONICHANU, F.

IOHESCU-MIKHEYESHT', K.; VISNER, B.; SFRZHIYESCU, D.; GORDONICHANU, F.; ZAMPIRESCU, M.

Experimental investigations on strains of the poliomyelitis virus isolated in the Romanian People's Republic during 1949-50. Zhur. nevr. i psikh. 55 no.2:101 F '55. (MIRA 8:4)

(POLIOMYELITIS VIRUS,  
strains isolated in Romania)

YEFIMOVICH, Ye.K.; NESTEROV, V.V.; TYUTYUNNIKOV, N.F.; SHINKARSKIY, D.G.;  
ZABRODA, Yu.F.; KONDRAT'YEV, O.K.; GORODNICHENKO, A.I.

Automatic level control of flotation concentrate in vacuum  
filter baths. Avtom.i prib. no.3:21-23 Jl-8 '62. (MIRA 16:2)

1. Institut avtomatiki Gosplana UkrSSR (for Yefimovich,  
Nesterov, Tyutynnikov, Shinkarskiy, Zabroda, Kondrat'yev).
2. Dneprodzerzhinskiy koksokhimicheskiy zavod imeni  
Ordzhonikidze (for Gorodnichenko).

(Flotation)  
(Liquid level indicators)

FROLOV, A.; MISHUROV, N.; GORODNICHENKO, I.; ZAGORUYKO, M.; AMETSHAYEV, I.

The virgin lands should have fully qualified machine-operating personnel.  
Prof.-tekh. obr. 18 no.1:1-2 Ja '61. (MIFA 14:2)

1. Direktor Uchilishcha mekhanizatsii sel'skogo khozyaystva No.35  
Severo-Kazakhstanskoy oblasti (for Frolov). 2. Direktor Uchilishcha  
mekhanizatsii sel'skogo khozyaystva No. 47 TSelinnogo kraya (for  
Mishurov). 3. Direktor Uchilishcha mekhanizatsii sel'skogo khozyaystva  
No.13 Zapadno-Kazakhstanskoy oblasti (for Gorodnichenko). 4. Direktor  
Uchilishcha mekhanizatsii sel'skogo khozyaystva No. 76 Kustanayskoy  
oblasti (for Zagoruyko). 5. Direktor Uchilishcha mekhanizatsii sel'-  
skogo khozyaystva No.23 Alma-Atinskoy oblasti (for Ametshayev).  
(Kazakhstan—Farm mechanization—Study and teaching)

GORODNICHENKO, I.D., brigadir puti

Yesterday and today. Put' i put'khoz. 8 no.8:4 '64. (MIRA 17:9)

1. Stantsiya Zolotonosha, Odessko-Kishinevskoy dorogi.

GORODNICHEV, A., inzh.

Insulating compressed-air gas masks. Pozh.delo 5 no.1:26-27  
Ja '59. (MIRA 11:12)  
(Gas masks)

*GORODNICHEN* L.D.

GORODNICHEN, L.D.

High-speed unwinding of yarn in skeins. Tekst.prom.15 no.7:16-18  
J1 '55. (MILRA 8:10)

1. Machal'nik tsekha fabriki imeni Markova  
(Weaving)

GORODNICHET, N.G.

MODZOLEVSKIY, Igor' Vladimirovich; BARSHEGOV, A.A.; KARPOV, I.V.; KARTSEV,  
I.T.; KRYLOV, N.M.; NIKOLAEV, I.V.; REVICH, V.I.; SHEVYAKOV, V.A.;  
SHOKHIN, O.A.; CHUBOV, ~~A.S.~~; GORODNICHET, N.G., redaktor; CHERNYSHOV,  
V.I., redaktor; KHITROV, P.A., ~~tekhnicheskiy~~ redaktor

[General course on railroads] Obshchii kurs zheleznykh dorog. Izd.  
2-e, perer. Moskva, Gos. transportnoe izd-vo, 1954. 316 p.  
(Railroads) (MLRA 8:3)

AKSERNOV, I.Ya.; SUKAZOV, I.G.; GORODNICHEN, N.G., redaktor; KHATSKER-  
LEVICH, M.N., redaktor.

[Manual for learning rules of the technical operation of rail-  
roads in the Soviet Union] Posobie dlia izuchenija pravil tekhnicheskoi  
ekspluatatsii zheleznykh dorog SSSR. 7 isd., perer.  
1 dop. Moskva, Gos. transp. i shel-dor isd-vo, 1954. 614 p.  
(Railroads) (MLRA 7:8)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODNICHETV, N. G.

BOBROV, Aleksey Alekseyevich; GORODNICHETV, N.G., redaktor; VORONIN, K.P.,  
tekhnicheskiy redaktor

[Transportation and fuel management of electric power plants]  
Transportnoe i toplivnoe khoziaistvo elektricheskikh stantsii.  
Moskva, Gos.energ.izd-vo, 1957. 182 p. (MLRA 10:9)  
(Electric power plants)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

RYAZANTSEV, Boris Sergeyevich, kand.tekhn.nauk; RODIMOV, Boris Alekseyevich,  
inzh.; GORODNICHEV, N.G., inzh., red.; KHITROV, P.A., tekhn.red.

[Operation of signal systems] Eksploatatsionnye osnovy ustroistv  
STeB. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 406 p.  
(Railroads--Signaling) (MIRA 12:4)

CHERNOMORDIK, Grigoriy Il'ich; RYVKIN, Yuliy Yefimovich. Prinimali  
uchastiye: USHAKOV, S.S.; GERONIMUS, B.Ye., GORODNICHEV, N.G.,  
red.; BOBROVA, Ye.N., tekhn.red.

[Fundamentals of designing railroads with electric and diesel  
traction] Osnovy proektirovaniia zheleznykh dorog s elektri-  
cheskoi i teplovoznoi tiagoi. Moskva, Gos.transp.izd-vo, 1959.  
327 p. (MIRA 12:12)

(Railroad engineering)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2

GORODNICHEV, N.P., inzh.; KOTEL'NIKOV, B.P., inzh.

Arrangement of group flows in assembling operations. Vest.  
elektroprom. 32 no.10:68-71 O '61. (MIRA 14:9)  
(Assembly-line methods)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310003-2"

GORODNICHÉV, V.M.

SAMOYLOVSKIY, M.B., kandidat tekhnicheskikh nauk; VOROTNIKOV, S.P.,  
gornyy inzhener; SHIRAY, Ye.N., gornyy inzhener; KORNIYEVSKIY,  
D.N., inzhener; GORODNICHÉV, V.M.

"Rock freezing in the process of shaft sinking." N.G.Trupak.  
Reviewed by M.B.Samoilovskii and others. Ugol' 30 no.8:48  
(MIRA 8:10)  
Ag'55.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii  
i mekhanizatsii shakhtnogo stroitel'stva (for Samoylovskiy,  
Vorotnikov, Shiray).
2. Ukrzapadshakhtostroy (for Korniyevskii)
3. Kombinat Stalinshakhtostroy (for Gorodnichev)  
(Shaft sinking) (Frozen ground) (Trupak, N.G.)

*Gorodnichev, V. M.* 15-1957-1-1147 D  
Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,  
p 181 (USSR)

AUTHOR: Gorodnichev, V. M.

TITLE: Explanation of Causes of Rock Heaving and the  
Preventative Methods Used in Combating These  
Occurrences in Principal and Preparatory Workings  
(Obobshcheniye prichin pucheniya gornykh porod i  
mer bor'by s etim yavleniyem v horizontal'nykh  
kapital'nykh i podgotovitel'nykh vyrabotkakh)

ABSTRACT: Bibliographic entry on the author's dissertation for  
the degree of Candidate of Technical Sciences,  
presented to the Akad. ugol'n. prom-ti (Coal  
Industry Academy), Moscow, 1956.

ASSOCIATION: Akad. ugol'n. prom-ti: (Coal Industry Academy),  
Moscow.

Card 1/1

GORODNICHEV, V.M.

Some results of testing and using vertical shaft sinking machines  
and tasks for their improvement. Shchakht. stroi. no.2:4-8 '58.  
(MIRA 11:3)

1. Glavnyy inzhener kombinata Stalinshakhtstroy.  
(Shaft sinking) (Mining machinery)

GORODNICHY V.M.

ANDROS, I.P., inzh.; ASSONOV, V.A., kand. tekhn. nauk.; BERNSTEYN, S.A., inzh.; BOKIY, B.V., prof.; BROVMAN, Ya.V., inzh. BONDARENKO, A.P., inzh.; BUCHHEV, V.K., kand. tekhn. nauk; VERSKUNOV, G.P., kand. tekhn. nauk; VOLKOV, A.F., inzh.; GELESKUL, M.N., kand. tekhn. nauk; GORODNICHY, V.M., inzh.; DEMET'YEV, A.Ya., inzh.; DOKUCHAYEV, M.M., inzh.; DUBNOV, L.V., kand. tekhn. nauk; EPIFANTSIV, Yu.K., kand. tekhn. nauk; YERASHKO, I.S., inzh.; ZHEDANOV, S.A., kand. tekhn. nauk; ZIL'BERBROD, A.F., inzh.; ZINCHENKO, E.M., inzh.; ZORI, A.S., inzh.; KAPLAN, L.B., inzh.; KATSUROV, I.N., dote.; KITAYSKIY, E.N., inzh.; KRAVTSOV, Ye.P., inzh.; KRIVOROG, S.A., inzh.; KRINITSKIY, L.M., kand. tekhn. nauk; LITVIN, A.Z., inzh.; MALEVICH, N.A., kand. tekhn. nauk; MAN'KOVSKIY, G.I., doktor tekhn. nauk; MATKOVSKIY, A.L., inzh.; MIHDMLI, E.O., kand. tekhn. nauk; NAZAROV, P.P., kand. tekhn. nauk; MASONOV, I.D., kand. tekhn. nauk; NEYYENBURG, V.Ye., kand. tekhn. nauk; POKROVSKIY, G.I., prof., doktor tekhn. nauk; PROYAVKIN, B.T., kand. tekhn. nauk; ROZENBAUM, inzh.; ROSSI, B.D., kand. tekhn. nauk; SIMOVSKIY, V.N., doktor tekhn. nauk; SKIRGELLO, O.B., inzh.; SUKRUT, A.A., inzh.; SUKHANOV, A.F., prof., doktor tekhn. nauk; TABANOV, P.Ya., kand. tekhn. nauk; TOKAROVSKIY, D.I., inzh.; TRUPAK, N.G., prof., doktor tekhn. nauk; FEDOROV, S.A., prof., doktor tekhn. nauk; FIDYUKIN, V.A., inzh.; KHOKHLOVKIN, D.M., inzh.; KHERABOV, N.I., kand. tekhn. nauk; CHEKAREV, V.A., inzh.; CHIRNAVSKII, N.N., inzh.; SHREYER, B.P., kand. tekhn. nauk; EPOV, B.A., kand. tekhn. nauk; YAKUSHIN, N.P., kand. tekhn. nauk; YANCHUR, A.M., inzh.; YAKHONTOV, A.D., inzh.; POKROVSKIY, N.M., otvetstvennyy red.; KAPLUM, Ya.G. [deceased], red.; MONIN, G.I., red.; SAVITSKIY, V.T.

(Continued on next card)

ANDROS, I.P.----(continued) Card 2.

red.; SAMOVICH, P.O., red.; VOLOVICH, M.Z., inzh., red.; GORITSKIY,  
A.V., inzh., red.; POLOVINOV, V.A., inzh., red.; FADYLEV, E.I.,  
inzh., red.; CHENCHIKOV, L.V., red. izd-va; PROZOROVSKAYA, V.L.,  
tekhn. red.; NABEINSKAYA, A.A., tekhn. red.

[Mining; an encyclopaedic handbook] Gornoje delo; entsiklopedicheskii  
spravochnik, Glav. red.: A.M. Terpigorev, Moskva, Gos. nauchno-  
tekhnicheskoe izd-vo lit-ry po ugol'noi promstv. Vol.4 [Mining  
and timbering] Provedenie i kreplenie gornykh vyrabotok. Red-  
kollegium:toma; N.M. Pekrovskij... 1958. 464 p. : . (MIRA 11:7)

(Mine timbering) (Mining engineering)

GORODNICHENY, V.M., kand.tekhn.nauk; SITNIKOV, D.V., inzh.

Improve research and planning in mine surface building. Shakht.  
stroi. no.11:4-6 N '59. (MIRA 13:3)

1. Donetskij nauchno-issledovatel'skiy institut nadzorchnogo  
stroitel'stva.  
(Mining engineering)

GORODNICHENOV, Vasiliy Mikhaylovich; BRODSKIY, I.A., otv.red.; ZVORYKINA,  
L.N., red.izd-va; SHIL'YAR, S.Ya., tekhn.red.

[Modern methods of controlling the swelling of rocks] Sovre-  
mennye metody bor'by s pucheniem gornykh porod. Moskva, Gos.  
nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 99 p.  
(MIRA 13:7)

(Mining geology) (Earth movements)

ISLAMOV, Khoze Bulatovich; GORODNICHEV, Vasiliy Mikhaylovich;  
GRAMMATIKOV, A.N., otv. red.; SHMELEV, A.I., red.izd-va;  
MAKSIMOVA, V.V., tekhn. red.

[Handbook on construction on the surface of coal mines]  
Spravochnik po stroitel'stvu poverkhnosti ugol'nykh shakht.  
Moskva, Gosgortekhizdat, 1962. 299 p. (MIRA 16:3)  
(Mine buildings)

GORODNICHEV, V.M., kand.tekhn.nauk (g.Donetsk)

"Vibration method of shaft sinking in quick sands" by E.N.  
Shirai. Reviewed by V.M.Gorodnichev. Shakht.stroi. 6 no.9:  
32 S '62. (MIRA 15:9)

(Shaft sinking)

GORODNICHEV, V.M., kand.tekhn.nauk

Improve the planning and construction of the mine surface. Shakht.  
stroi. 6 no.12:1-3 D '62. (MIRA 16:5)

1. Direktor Donetskogo nauchno-issledovatel'skogo instituta  
nadshakhtnogo stroitel'stva.  
(Mine buildings)

GORODNICHÉV, V.M., kand.tekhn.nauk; TYURKYAN, R.A., inzh.

"Supporting vertical shafts with solid concrete" by Iu.Z.Zaslavskii.  
Reviewed by V.M.Gorodnichev, R.A.Tiurkian. Shakht. stroi. 7 no.2:  
31-32 F '63. (MIRA 16:3)  
(Mine timbering) (Concrete construction) (Zaslavskii, Iu.Z.)

GORODNICHEV, V.M., kand. tekhn. nauk; ANDREYEV, V.Ye.; KLADOV,  
G.M.; KUSHMET, V.G.; MELIKSETOV, S.S., retsenzent;  
NOVIKOV, N.I., retsenzent;

[Construction of buildings and other structures for coal  
mines] Stroitel'stvo zdani i sooruzhenii ugol'nykh  
shakht. Moskva, Nedra, 1964. 207 p. (MIRA 18:7)

GORODNICHEV, V.M., kand. tekhn. nauk

The period of mine construction must be shortened. Shakht.  
stroi. 8 no.9:1-4 S '64. (MIRA 17:12)

1. Zamestitel' nachal'nika Glavdonbasstroya.

GORODNICHÉV, V.M., kand. tekhn. nauk

Network schedule for the construction of a mine. Shakht. stroi.  
9 no.3:7-9 Mr '65. (MIRA 18:7)

1. Zamestitel' nachal'nika Glavdonbasstroya.

GORODNICHÉV, V.M., kand. tekhn. nauk

For further improvement of mine building in the Donets Basin.  
Shakht. stroi. 9 no.8:6-8 Ag '65. (MIRA 18:8)

1. Zamestitel' nachal'nika Glavdenbesstroya.

GORODNICHIEVA, E.G., inzh.

Rhythtmical pace of labor productivity is the basis for the acceleration of the process of putting equipment into operation. Transp. stroi. 13 no.1:35-37 Ja '63 (MIRA 18:2)

1. Otdeleniye ekonomiki transportnogo stroitel'stva Tsentral'-nogo nauchno-issledovatel'skogo instituta svyazi.

GORODNICHeva, O.P.; MOViSH, V.V.; PONSOV, A.G.

Nonpolarized electrodes of a geoelectromagnetic current meter.  
Trudy GOIN no.30:106-110 '55. (MLRA 9:8)

1. Nauchno-issledovatel'skiy institut zemnogo magnetizma i Gosudarstvennyy okeanograficheskiy institut.  
(Ocean currents) (Magnetic instruments)

*Gorodnicheva, O. P.*

AUTHOR: Gorodnicheva, O. P. and Movsh, V. V. 37-2-9/12

TITLE: Certain Results of Testing a New Electromagnetic Currentmeter (EMIT) [Nekotoryye dannyye o rezul'tatakh ispytaniy elektromagnitnogo izmeritelya techeniy (EMIT)]

PERIODICAL: Trudy Nauchno-issledovatel'skogo instituta zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln, 1957, Nr 12 (22), pp. 214-224 (USSR)

ABSTRACT: The authors describe tests conducted in the Black Sea (1953) and Baltic Sea (1954) to evaluate a new electromagnetic currentmeter applicable in sea navigation and oceanography. It differs from the American model (not specified) by a new two-electrode arrangement: two cables of 100 to 200 meters in length are in tow, and an electrode is placed at the end of each cable. The ends of the cable are 100 meters apart. The diameter of the cables used is either 9 or 12 mm. The speed of the ship does not effect the measurement to any large extent, but weather and salinity effects are noted. Errors in the measurement of velocities of sea currents were less than 1-2 cm per second. The simplicity and reliability of the new method make it particularly applicable to synoptic mapping. There are 6 figures, 1 table and 2 references, of which 1 is Russian.

AVAILABLE: Library of Congress

Card 1/1

GORODNICHIEVA, O.P.; NOVISH, V.V.

Measuring vertical distribution of current velocities by the  
electromagnetic method. Trudy NIZMIR no.16:144-148 '60.

(MIRA 14:3)

(Ocean currents) (Electric measurements)

S/203/61/001/005/021/028  
A006/A101

AUTHORS: Kovalevskiy, I. V., Mikerina, N. V., Novysh, V. V., Gorodnicheva,  
O. P.

TITLE: Investigating stray currents from electrified railroads and the  
nature of their attenuation in the South-Ural region

PERIODICAL: Geomagnetizm i aeronomiya, v. 1, no. 5, 1961, 825 - 829

TEXT: The authors present results obtained from measuring stray currents along a double-track electrified railroad, which is power supplied with 3,300 v constant voltage. The measurements were carried out in the South-Ural region, using mirror galvanometers (M-25/6) (photorecording); a portable type H-373-2 (N-373-2) device (visible recording) and electroprospecting field oscillograph ЭПО-5 (EPO-5) (photorecording). Signals from 0.001 to 100 v could be recorded. The stray currents measured show a pulse nature; the duration of pulses lasts from several seconds up to 20 minutes. Pulses with amplitudes of 0.5 - 3 v/km are prevailing and such with maximum amplitudes as high as 4 ~ 6 v/km occur. A dependence is shown between stray currents and the magnitude of the specific resistance of rocks. At a distance of 10 - 15 km from the railroad, sharp attenua-

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KOVALEVSKIY, I.V.; MIKERINA, N.V.; NOVYSH, V.V.; GORODNICHEVA, O.P.

Study of vagrant currents from an electrified railroad and the  
nature of their attenuation in the Southern Ural area. Geomag. i  
aer. 1 no.5:825-829 S-0 '61. (MIRA 15:1)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya  
radiovoln AN SSSR.

(Electric currents, Vagrant)  
(Ural Mountain region--Electric railroads)

ACCESSION NR: AP4013151

S/0203/64/004/001/0194/0199

AUTHORS: Novysh, V. V.; Gorodnicheva, O. P.; Mikerina, N. V.

TITLE: Observations on telluric currents at Shatsk

SOURCE: Geomagnetizm i aeronomiya, v. 4, no. 1, 1964, 194-199

TOPIC TAGS: telluric current, magnetic field, magnetic storm, seasonal change, amplitude variation, telluric current amplitude variation, solar activity, short period fluctuation

ABSTRACT: The telluric-current station at Shatsk was organized by IZMIRAN in January 1950 and was further equipped in 1957 for the IGY program. It is located at lat 53°59'N, long 41°51'E, 10 km ESE of Shatsk in the Pyazan Oblast. The field of telluric currents at Shatsk may be considered quiet. Short-period fluctuations, as a rule, are always present during daylight hours, but fluctuations of large periods on quiet days are commonly absent or are observed only occasionally, and then chiefly during evening hours. Disturbances on the records are distinct and agree well with storms in the earth's magnetic field. The shapes of curves for quiet daily behavior, as indicated by 13 years of observation, have remained basically constant, but seasonal changes have been recognized. The pattern is least

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ACCESSION NR: AP4013151

clearly defined in winter time. The amplitude of variation changes considerably with the season. The 13-year averages for noon-time averages, at the time of maximum, are 1.62 mv/km for summer, 2.02 for the equinoctial period, and 0.62 for winter, for the N-S component. For the E-W component, the values are 0.62, 0.58, and 0.27 mv/km, respectively. Depending on the cycle of solar activity, the amplitude of variation from minimum to maximum changes by a factor of 2.5. The predominant directions of current are NNW and SSE. "The authors express their sincere thanks for uninterrupted operation of facilities by technicians and meteorologists at the Shatskaya meteostantsiya (Shatsk Meteorological Station), technicians of the Otdel zemnogo elektrichestva (Department of Terrestrial Electricity), and computers of the Otdel za obrobotku tellurogramm (Department for Processing Tellurograms)."  
Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln  
AN SSSR (Institute of Terrestrial Magnetism, Ionosphere, and Propagation of Radio  
Waves AN SSSR)

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Card 2/2

NOVYSH, V.V.; GORODNICHeva, O.P.; MIKERINA, N.V.

Observations of earth currents at Shatsk. Geomag. i aer. 4  
no.1:194-199 Ja-F'64. (MIRA 17:2)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya  
radiovoln AN SSSR.

GORODNICHEVA, O.P.

Use of the EMIT apparatus in the equatorial zone of the  
Atlantic Ocean. Geomag. i aer. 4 no.1:205 Ja-F'64.

(MIRA 17:2)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya  
radiovoln AN SSSR.

L 44228-66 EWT(1) GW

ACC NR: AP6020989 (N) SOURCE CODE: UR/0213/66/006/003/0513/0519

AUTHOR: Gorodnicheva, O. P.

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ORG: Institute of Terrestrial Magnetism, the Ionosphere, and Radiowave Propagation, AN SSSR (Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR)

TITLE: GEK current measurements in the Gulf Stream area

SOURCE: Okeanologiya, v. 6, no. 3, 1966, 513-518

TOPIC TAGS: ocean current, oceanographic ship, ~~current meter~~, research ship, ~~current atlas~~ oceanographic instrument instrumentation

ABSTRACT: The results of GEK surface-current measurements made during the 8th cruise of the *Mikhail Lomonosov* (June-September 1960) in the Gulf Stream area are presented and compared with measurements conducted using the Alekseyev current meter and dead reckoning. The 3 sections covered were from  $28^{\circ}49'N$ ,  $67^{\circ}33'W$  to  $38^{\circ}00'N$ ,  $71^{\circ}59'W$ , from  $38^{\circ}00'N$ ,  $71^{\circ}59'W$  to  $42^{\circ}03'N$ ,  $63^{\circ}33'W$ , and from St. Johns, Newfoundland, to  $37^{\circ}31'N$ ,  $58^{\circ}43'W$ . The GEK was operated continuously on all 3 sections, and the current vector was determined every 40 to 50 miles. About 4000 miles were covered in 50 days, and more than 600 current-vector determinations were made. Comparison of GEK readings with dead-reckoning current

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UDC: 551.46.085(261/27)

L 44228-66

ACC NR: AP6020989

determinations yielded a K factor (ratio of true velocity to measured velocity) of  $1.03 + 0.11$  for the GEK in the Gulf Stream area. Further comparison of the above readings and determinations with charts from the Atlas of Currents showed that the currents observed in 1960 differ by as much as  $173^\circ$  ( $56-57^\circ$  on the average) from those determined in past years. This is said to be caused by a shifting of the meandering currents of the Gulf Stream from their normal position. The investigations demonstrated that the use of a GEK significantly improves course-plotting accuracy, and that the use of current atlases can lead to serious errors in determining a ship's position. The article contains a chart of the area surveyed, which includes plots of the GEK results and Atlas data. Orig. art. has: 10 figures and 3 tables.

SUB CODE: 08/ SUBM DATE: 23Feb65/ ORIG REF: 002/ OTHER REF: 001

Card 2/2 M/T

GORODNICHIEVA, S.A., inzh.-konstruktor

New lubricant and water separators. Ugol' Ukr. 2 no.2:36-38  
F '58. (MIRA 13:3)

1. Dongiprouglemash.  
(Coal mines and mining—Equipment and supplies)  
(Air compressors—Lubrication)

KHOKHOTVA, N.N., kand.tekhn.nauk; GORODNICHIEVA, S.A., inzh.; KOPYLOV,  
V.F., inzh.

Air conditioning in mines. Ugol' 35 no.6:41-44 Je '60.  
(MIRA 13:7)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti  
gornykh rabot (for Khokhotva). 2. Dongiprouglemash (for  
Gorodnicheva). 3. Stroyupravleniye No.3 Makeyevshakhtostroy (for  
Kopylov).

(Coal mines and mining--Air conditioning)

GORONICHEVA, S.A.

Increasing the effectiveness of the process of cooling mine  
air. doc. trud. inst. gor. deit. AN USSR no.13297-104 '63  
(MIRA 1987)